OIPE

RAW SEQUENCE LISTING DATE: 08/27/2001 PATENT APPLICATION: US/09/833,782

TIME: 15:13:53

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              Wilganowski, Nathaniel L.
              Turner, C. Alexander Jr.
      8 <120> TITLE OF INVENTION: Novel Human Metalloprotease and Polynucleotides Encoding the
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C--> 13 <141> CURRENT FILING DATE: 2001-04-12
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1860

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	-	He	Val	His	Leu	Gln	Glu	Thr	Cys	Asp		GTA	Lys	He	Lys		
	145		_	_	_	150	- 1	_	_	-1	155		<b>a</b> 1	_	_	160	
	Glu	АТа	Arg	Arg	_	Leu	GLu	Lys	ser		ьys	Met	GLY	Lys	-	Asn	
90	<b>a</b> 1	T		<b>T</b>	165	<b>a</b> 1	<b>a</b> 1	17- 1	<b>a</b> 1	170	<b>01</b>	<b>71</b> ~	T	<b>a</b>	175	T	
	GTA	Leu	HIS		Pro	Glu	GIN	vaı		ASI	GLU	тте	гÀг		мет	гаг	
92	T	3	34-4	180	a1	T	<b>a</b>	T1.	185	nh -	*	T	3	190	*	<b>a</b> 1	
93	гуѕ	Arg		ser	GIU	Leu	Cys	200	ASP	Pile	ASII	гуу	205	Leu	ASII	Giu	
	λcn	7 an	195	Dho	TOU	Val	Dho		Tvc	λla	Clu	LOU		λΊэ	LOU	Dro	
96	кар	210	1111	rne	пеи	vaı	215	261	пуэ	АТа	GIU	220	GTA	AIG	ьеu	PIO	
	λen		Dho	Tla	λen	Ser		Gl n	Luc	Thr	λan		Aen	Luc	Фιιτ	T.ve	
	225	АЗР	FIIE	116	изр	230	пец	Gru	цуз	1111	235	тэр	изъ	шуз	TYT	240	
		ሞክተ	T.an	T.v.c	ητε	Pro	ніс	ጥኒንዮ	Dha	Dro		Mot	T.vc	T.vc	Cve		
100		1111	пси	шуз	245		1173	+ Y +	rne	250		Hec	цуэ	цуэ	255		
		. Pro	s Gli	ı Thr			Arc	r Met	Glu			Phe	Asn	Thr		Cys	
102			, 010	260	_	,		, 1100	265					270	-	, 0,15	
		s Gli	ı Glu			Tle	Ile	Leu			Leu	Leu	Pro			Thr	
104	_		275					280			u		285		9		
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106		290					295	_				300	_		·		
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110	<b>T</b> 1 -	T	<b>3</b>	T	325	T	T	<b>a</b> 1	G	330	3	3	a1	Dh.a	335	m
	Ile	ьеu	AŞII		гаг	ьуs	ьys	GIU	_	гаг	Asp	Arg	GLY		GIU	туг
112	•	<b>a1</b>	<b>.</b>	340	3		<b></b>		345	m	m	m		350	a1	m 1
	Asp	GTÄ	-	тте	Asn	Ата	Trp	_	Leu	Tyr	туr	Tyr		Thr	GIN	Thr
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_	Glu		ьeu	ьуs	Tyr	ser		Asp	GIN	GIU	Pne		гÀг	GIU	туг	Pne
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	Pro	ше	GIU	vaı	vaı		GIU	СТУ	Leu	Leu		Thr	туг	GIII	GIU	
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	Leu	GIY	Leu	ser		GIU	GIN	мет	Thr	_	ATG	HIS	vaı	тгр		ьys
120	a	17 1	m 1	T	405	m1	37a ]	T	3	410	71.	mh	<b>a</b> 1	<b>a</b> 1	415	т
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	Ton		Trra	пiа	П	Tera		C1	Con	Dro	т1.		A an	N a n	T 011	Lou
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Input Set : A:\LEX-0161-USA SEQLIST.txt
Output Set: N:\CRF3\08272001\1833782.raw

208 catatatatg atataatttg atcettettg tatettgaag ttttgtactt gggatttetg 2700 209 gactgataaa tgaatcatca cattcttctg gtaaatattt tcttggagct ctgtgtcaac 2760 2820 210 tttgatcett tgteteecag gaaggtgtga ceteteettt geetgeatae etcaaggeea 211 ggggaatatg ceteagtgat geatttatet ttgtatatea ggeegeatga tteecaaett 2880 212 totgccacac ttaaattacg ttoctccatt tcagttttgt cttttctgtc taaagttcag 2940 213 tcaaagagta tcaaaaaatt atgtttcagc tagactggtg taatgtataa gtttttgtat 3000 214 cttgtattag aggatttcgt agcttttatt agaggctcat ttccacctca gcatacaaga 3060 215 tegttagtet tttggcatgt gtgccaatta gaatactaaa gcaagtecaa gcacattttt 3120 216 ctcttctcac gtttctaata agtgttaggg actttgcctc ttttacttac cacgtcccca 3180 217 aaagtgtcag gtagacatgt cacaaatggc tctgtagaga gccatgggaa gagagaggag 3240 218 gtggatgtgg aacataaagg gttcagaaac tccagaagag gagtgggttt tggatagaag 3300 219 catttgagga cagctgctcc aaagccttat gtgtatgatg aaacttaacc acggggaaga 3360 220 gactetteag tageetgtte tgtetggtga tttttatttt aagtgaacet ttggatetat 3420 221 ctttaactct ctttattqtq aqtctaaatt ccaattctqc aqcaqatcaq taaactcaca 3480 222 gtatttttcc tgtggaaatc tattcaataa ggaaaccaag acaggataat aaaatttaaa 3540 223 aaaaaaacaa ctttgaattc ccctgcctag gtcttccagt tgttttccag cgcatacctc 3600 224 aggtatgact ttgctagccg gggacaaaat tagcaccttc cgattctcta gtccaaatga 3660 225 actttgtgct aaataaaaa ttattatact acataataaa gttacagata gcaggaaatg 3720 226 caagagctag gagatteeta gattatatet gecaagcaaa taeettaaac ateeacetga 3780 227 aatcctacta coccetette tgagataatt tgeecageee ttetetteee acacaeteae 3840 3900 228 tcaatgtcac ccccttctaa tccccaaaac tgtttttgtg gtctttgtag cctatagtag 229 ttttctcaca tctttccccc tagacttttc tqtttttcaq tttcaqacaa aaaaactctt 3960 230 cagctttttc cagtgtgtct ccttaacagt aactttacca cttgaaatct tatttcatag 4020 4080 231 aaaaactaaa ttggtgtgga aaggctgcac acaataaagt tatattatta tccatgaaaa 232 tgaactcata tttctttcat actttaacgt taaaaccgaa atgcatgaga gcaaaagcac 4140 233 catggtgttc tttctattta gggcctacct ctaatattta aaatctacca aagagcagtc 4200 234 acaaaattaa aactcagccc gggcgcagtg gctcatgcct gtaatcccag cactttggga 4260 235 ggccaaggca ggaggatcac ctgaggtcag agttcaagac cagcatggtc aacatggtga 4320 236 aaccetgtet etacaaaaat acaaaaaget gggeatgatg ttgggtteet gtagteecag 4380 237 ctacttagga ggctgaggca ggagaatagc ttgaacccgg gaggtggagg ttgcagtgag 4440 238 ctgagatcat gccattgcac tccagcctgg acgacagagt gagattcagt ctcaaaaaaa 4500 239 attaatactc aaagaattat ctagcataat ttaaaagaaa ggacttttta aaaattctct 4560 4620 241 ttgttctttt tttccagatc agagcagaga atatcactga catgcttgaa atggtggata 4680 242 actatgtaaa ttgtaattgg acaaatgtac actttagatt tatggactga gccacatata 4740 243 ataaggtete teetggtaat tgateeaggg gatttaggee tetttegggt tttttgtttt 4800 244 ttttttaggc attgttatgt tgtgaaggat aaaatcttca acatcttatg caaatggata 4860 245 gtaggcatga tectaaaggt ttagttttac gatgetgeag agaagagaaa tgtettgaeg 4920 246 ttttgccacc tgatgtagac tttgtccccc tctagtataa atgttgcatg ttacctagat 4980 247 aaacaactaa aaattgcctt gagttatcac ctgagctact tatgccaagg tcttgccttt 5040 248 ctaaagctaa taaggtgaga ggtggatatc tgtagctctt cggatgaaaa attgcattgt 5100 249 gggagatacc aaaattgagg aaatagctct tcaaagaaaa attactgata tgatcattgt 5160 250 acttgtaaat gccttaagta gcaggcagtg actcaatttt ctactttacc attttacctt 5220 251 tagcttttat gtatgaatta taggtctgtg gagattctgc ctccccacta ggccagtgtg 5280 252 tgtttaccat ttattcattt tctatcatac acaggtggat taaaatttac attaaaattt 5340 253 acattaaaat accatcatac ttcaggcttc tataacaaaa tatcagactg ggtggcttca 5400 254 aaagcagaca tttcttacag ttctggaagc tgggaagtcc cacaatccac atgctggtaa 5460 255 atttggttcg tggtgaggcc cctcttcctc ttttactgac cacatcccca aaagtgtcag 5520 256 gtagacatgt tacaaatagc tctgtagaga gccatgggaa gagacaggag gcagatgtgg 5580

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/833,782

DATE: 08/27/2001

TIME: 15:13:54

Input Set : A:\LEX-0161-USA SEQLIST.txt
Output Set: N:\CRF3\08272001\I833782.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date